



The State of Utah

Department of  
Natural Resources

Division of  
Oil, Gas & Mining

ROBERT L. MORGAN  
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GAYLE F. McKEACHNIE  
*Lieutenant Governor*

**Representatives Present During the Inspection:**

Company Mark Reynolds Resident Agent

Company Charles Reynolds

OGM Pete Hess Environmental Scientist III

## Inspection Report

Permit Number:	C0150025
Inspection Type:	COMPLETE
Inspection Date:	Friday, September 10, 2004
Start Date/Time:	9/10/2004 8:55:00 AM
End Date/Time:	9/10/2004 1:15:00 PM
Last Inspection:	Thursday, August 19, 2004

Inspector: Pete Hess, Environmental Scientist III

Weather: Sunny, clear, 50's - 60's F.

InspectionID Report Number: 398

Accepted by: whedberg  
9/22/2004

Permittee: **CO-OP MINING CO**

Operator: **CO-OP MINING CO**

Site: **BEAR CANYON MINE**

Address: **PO BOX 1245, HUNTINGTON UT 84528**

County: **EMERY**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

**Current Acreages**

3,336.18	<b>Total Permitted</b>
36.64	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

**Mineral Ownership**

- ☒ Federal  
☐ State  
☐ County  
☒ Fee  
☐ Other

**Types of Operations**

- ☒ Underground  
☐ Surface  
☐ Loadout  
☐ Processing  
☐ Reprocessing

**Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:**

The current State permit contains three special conditions, two of which are no longer pertinent. The sealing of the Bear Canyon #1 Mine in January of 2004 ended the possibility of transferring intercepted ground water into the old works above Big Bear and Birch Springs. The initiation of mining in the #3 Mine of the Wild Horse Ridge addition of the Bear Canyon permit area was permitted by Federal Mine Plan Approval action, meeting the first special permit condition for Federal coal leases U-038727 and U-0020668. The third condition, which remains pertinent, is that the permittee must submit ground and surface water monitoring information in an electronic format to the Division web site. The permittee continues to meet this requirement; second quarter 2004 monitoring information still needs to be loaded into the Division pipeline as of today's inspection.

Inspector's Signature

*Pete Hess*

Pete Hess, Environmental Scientist III

Inspector ID Number: 46

Date Friday, September 10, 2004

**Note:** This inspection report does not constitute an affidavit of compliance with the regulatory program of the Division of Oil, Gas and Mining.

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## Inspection Continuation Sheet

Page 2 of 4

### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Divison Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The current State issued permit for the Bear Canyon Mines remains in effect until November 2, 2005. As noted above, only one special permit condition remains pertinent, that being the requirement to submit quarterly surface and ground water monitoring information in an electronic format to the Division web site. That condition is being met.

**2. Signs and Markers**

The permittee has placed a cover over the telephone number of the business on the permittee identification sign located at the access gate at the end of the Emery County road. This was probably done to reduce the number of phone calls being received by the Mine during a recent labor dispute. The permittee has been instructed to remove the board in order to meet the requirements of R645-301-521.243.

**3. Topsoil**

The reclamation work along the #2 Mine Tank seam access road has been re-initiated; as such, the depletion of the soil volume from the topsoil pile located at the last switchback has occurred. That soil volume is nearly gone. Mr. Mark Reynolds indicated that seeding and matting would be occurring along the reclaimed area sometime during the month of September.

**4.a Hydrologic Balance: Diversions**

The permittee has performed the work necessary to extend ditch D-20U to the crest of the Primary Conveyor #1 Access road. The material which has been removed to establish the ditch has been placed co-linear with the ditch, in order to prevent disturbed area runoff from reporting to it. Ditch D-20U is classified as an undisturbed ditch, reporting its flow to the undisturbed channel at the bottom of the hill.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The second quarter 2004 impoundment inspections for ponds A, B, C, and D were conducted on June 25, 2004 by Mr. Alden Gustafson. There were no reports of unstable conditions or other hazards. Pond B was noted as having a sediment level which was at or slightly in excess of the 60% sediment cleanout elevation on June 24. Pond B was cleaned prior to today's inspection; a P.E. inspection/certification of Pond B to confirm that the pond is being maintained according to the approved design (R645-301-514.312) is pending.

**4.d Hydrologic Balance: Water Monitoring**

The permittee's second quarter of 2004 surface and ground water monitoring information submittal is pending to the Division web site. Discharge monitoring report forms for the sites UPDES outfalls were reviewed for exceedences and timeliness for the month of June, 2004. Outfall 004A is the only point source reporting flow to the Bear Creek drainage. There were no effluent parameters exceeded by the effluent being discharged. The June reports were submitted to the respective government agencies on July 22, 2004.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

The permittee has been hauling mine development waste from the temporary storage location adjacent to the #3 Mine access road to the coal stockpile pad for shipment/disposal within the Hiawatha Complex permit area.

**10. Slides and Other Damage**

A very minor soil slide was observed to have occurred along Primary Conveyor Access Road #2, in close proximity to BTCA area "V". The material was originally located on a sandstone outcrop, and slid when it became saturated. The soil volume involved here is less than ten cubic feet. Mr. Mark Reynolds indicated that the soil would be placed in a topsoil storage area. There are some other areas here which appear to have the potential to slide; it was suggested that the permittee might consider "brushing" these with the track hoe bucket to reduce the slide potential in the area.

**11. Contemporaneous Reclamation**

As noted elsewhere in this report, the reclamation of the #2 Mine road is once again occurring; work has progressed to the last major switchback as observed this day. This reclamation work is final reclamation for this area.

**20. Air Quality Permit**

The permittee had recently made an application of water to the primary roads accessing the #3 and #4 Mines.